

FIGURE 1

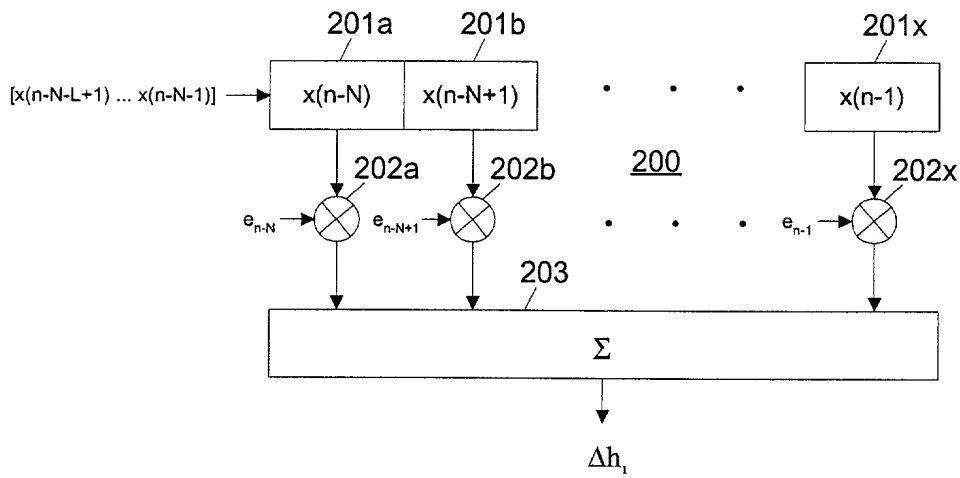


FIGURE 2A

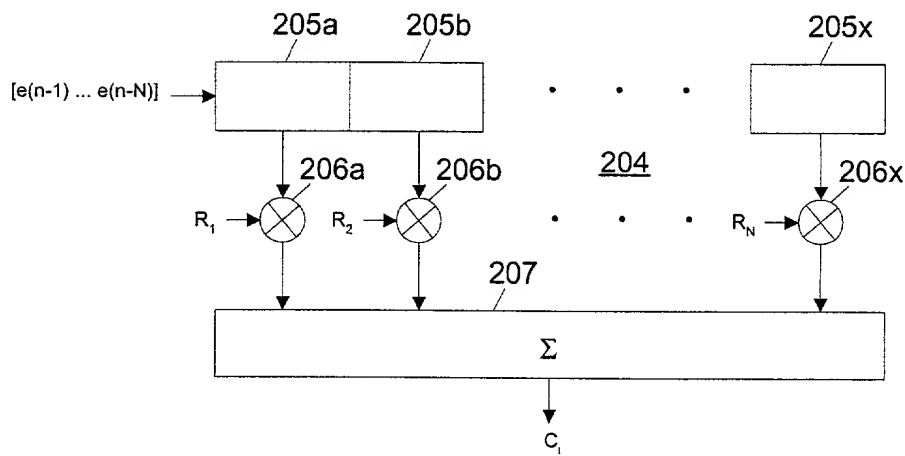


FIGURE 2B

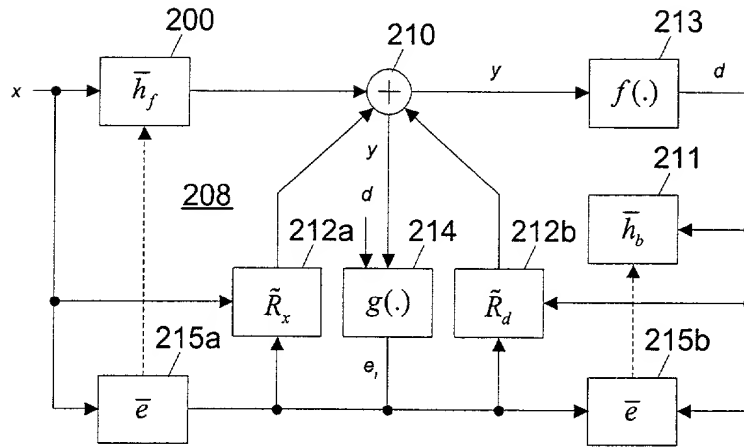


FIGURE 2C

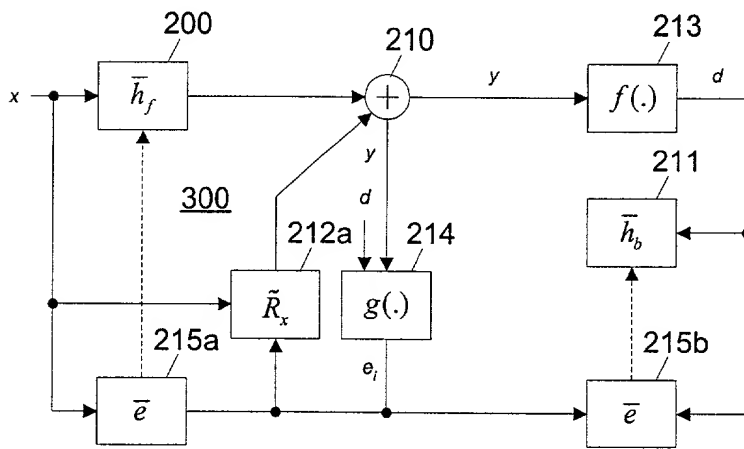


FIGURE 3

The diagram shows a control system 500. An input x splits into two paths. One path goes to block 200 (\bar{h}_f) in section 501a. The other path goes to block 215a (\bar{e}) in section 501c. The output of block 200 goes to a summing junction 210 (+). The output of block 215a also goes to the summing junction 210. The output of the summing junction is y . This signal y goes to block 211 (\bar{h}_b) in section 501b. A disturbance d is also input to block 211. The output of block 211 is the system output. The signal y also goes to block 214 ($g(\cdot)$). The output of block 214 is e_i , which is fed back to block 215a in section 501c. There is also a section 501d with block 215b (\bar{e}), which receives e_i and has a feedback path to the summing junction 210.

FIGURE 5

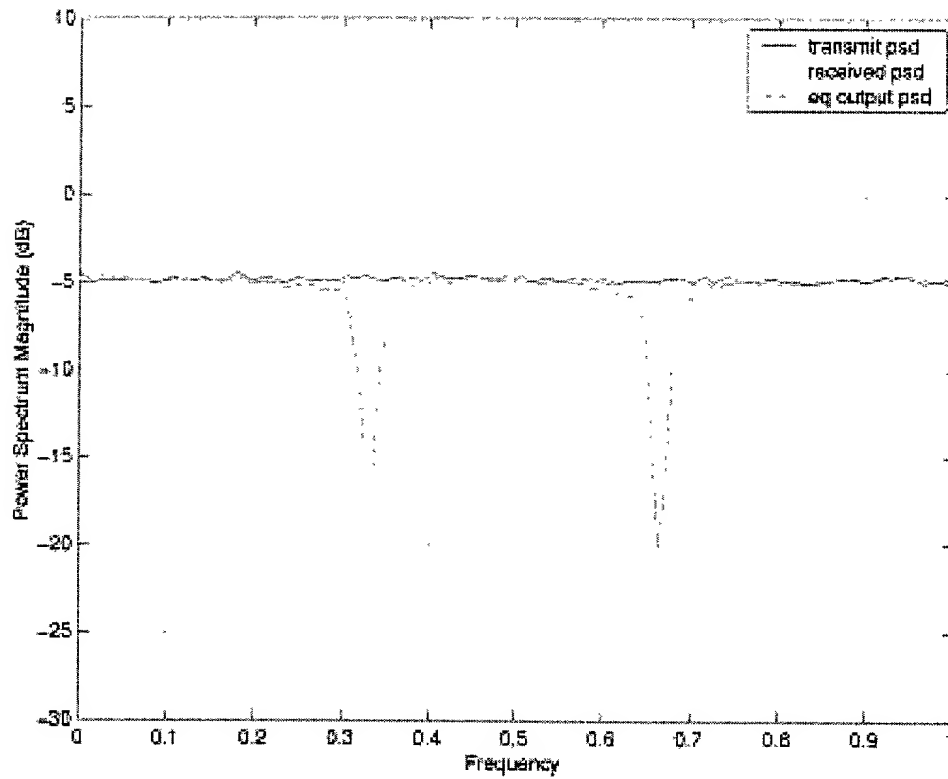


FIGURE 6

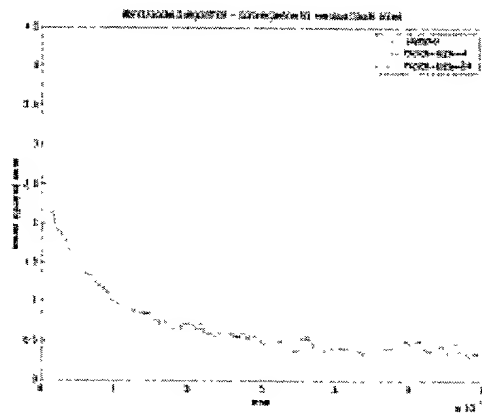


FIGURE 7

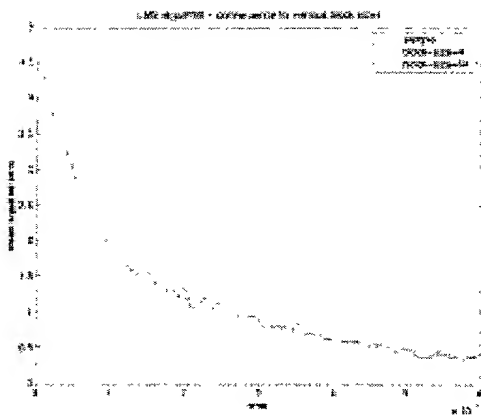


FIGURE 8

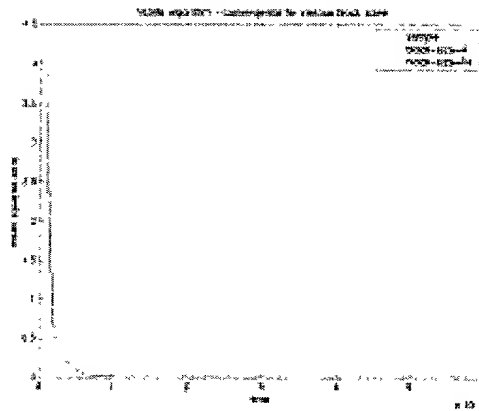


FIGURE 9

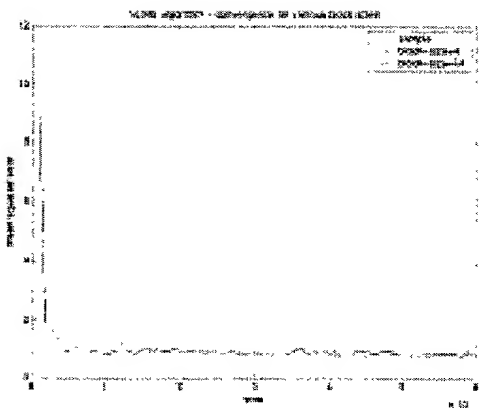


FIGURE 10